Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Sunday 21 Mar 2021 until 23:59 on Monday 22 Mar 2021

Forecast Issued on Saturday 20 Mar 2021 at 09:55

Confidence: High for generally settled conditions into next week then a gradual change to more unsettled conditions, but lower for cloud amounts and timing of rain next week.

Headline for Sunday 21 Mar 2021: Mostly cloudy with a little rain or drizzle in morning, becoming drier and brighter in afternoon with some sunshine

Mountain weather hazards on Sunday 21 Mar 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
Medium Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
FOG							
Fog	Cloudy	Cloudy	Cloudy	Cloudy	Sunny intervals	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability							
<05%	30%	30%	30%	10%	00%	00%	00%

Forecast for Sunday 21 Mar 2021

Weather: Cloudy overnight with patchy rain or drizzle and little change in morning, still cloudy with a little rain or drizzle at times. Becoming dry in early afternoon with bright or sunny spells developing as cloud becomes more broken. Dry with clear spells in evening

Chance of cloud free mountain/hill tops above 600m: Around 20% through the morning but increasing to 80% or better by mid-afternoon

Visibility: Mainly good beneath cloud, but some reductions in patchy rain and drizzle. Poor at height in morning with periods of cloud above 400-500m, but this breaking and lifting in afternoon to leave patchy cloud over the tops.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Mountain Weather Forecast

Forecast for Sunday 21 Mar 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/12 NW	8/12 NW	6/9 N	6/9 N	7/11 W	10/15 W	10/17 W	9/14 W	9/13 W
300	7/9 W	4/6 W	4/5 W	3/5 NW	6/9 W	8/13 W	7/15 W	5/10 W	5/8 W
Valley	3/6 NW	2/4 W	1/3 W	2/3 W	5/9 W	7/13 W	7/15 W	4/10 W	3/6 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/1	4/0	3/0	3/0	4/2	5/2	4/0	2/-2	1/-3
300	5/3	5/3	5/3	5/4	7/5	8/6	7/4	4/2	3/1
Valley	6/5	5/4	5/4	6/5	8/7	9/7	7/5	5/3	3/2
Freezing Level*	1300m	1300m	1100m	1000m	1100m	1100m	1000m	900m	900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Rather muggy even at height, but gradually becoming fresher. Temperatures could reach 12 C in afternoon and feeling very pleasant in sunshine, but strong sunshine even for March so risk of sunburn.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Sat 20 Mar 2021	0mm	0mm	0mm

Forecast for Monday 22 Mar 2021

Weather: Clear spells overnight and perhaps a frost in valleys along with risk of fog patches. Then bright or sunny spells but becoming cloudier, though expected to stay dry

Maximum wind: Westerly 5-10mph becoming southwest 10-15mph.

Chance of cloud free mountain/hill tops above 600m: 90% becoming 60% by the afternoon.

Visibility: Mostly good but very poor in any early fog. Patchy cloud at summit level overnight and into the morning, but then scattered perhaps broken cloud above 600m, perhaps occasionally 500m, though more likely later in day.

Temperature: **Valleys:** Zero C to plus 2 C at first, rising to plus 10-12 C
At 600m: Plus 3 C
Freezing level: Above summits

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